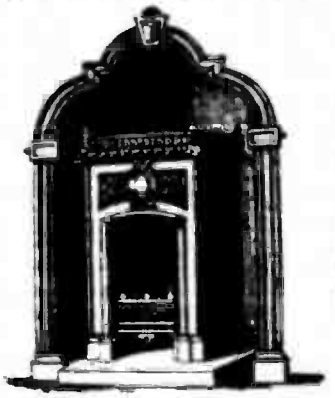


IMPORTANT IMPROVEMENTS IN WARMING AND VENTILATING

CHURCHES, CHAPELS, INFANT AND OTHER SCHOOLS, PUBLIC BUILDINGS, PRIVATE DWELLINGS, &c. &c.

PIERCE'S PATENT PYRO-PNEUMATIC STOVE GRATE

Is SELF-ACTING, and combines SUMMER WARMTH, PERFECT VENTILATION, SIMPLICITY OF ARRANGEMENT, NOVELTY OF PRINCIPLE, and ELEGANCE OF DESIGN, which, with great ECONOMY IN USE, renders this GRATE suitable for any situation where a POWERFUL DEGREE of WARMTH and the CHEERFUL OPEN FIRE are desirable.

PIERCE having at length succeeded in producing that long-sought desideratum—a HEALTHFUL AND SALUBRIOUS atmosphere, such as is felt on a pleasant summer's day, which can, by means of this his Patent Pyro-Pneumatic Stove Grate, be enjoyed during the most dull and dreary of our winter months. The above invention is specially adapted for warming churches, infant and other schools, railway offices, entrance halls, banking houses, &c. &c., or any situation where warmth and purity of air are desirable.

IT MAY BE SEEN IN DAILY USE AT THE PATENTEE'S MANUFACTORY, 5, JERMYN-STREET, REGENT-STREET:

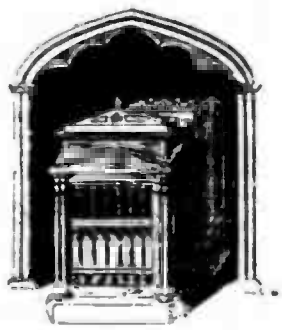
Also at the POLYTECHNIC INSTITUTION; the UNIVERSITY HALL, GORDON SQUARE; the new OSTRICH and GIRAFFE HOUSES of the ZOOLOGICAL SOCIETY, REGENT'S-PARK; the large MODEL ROOM of the SOCIETY OF ARTS, JOHN-STREET, ADELPHI, where, after a lengthened trial of it in daily use, the Council awarded their large Silver Medal for the invention.

PIERCE'S PRACTICAL EXPERIENCE (of upwards of thirty years), during the whole of which time he has been actively engaged in WARMING and VENTILATING PUBLIC BUILDINGS and PRIVATE MANSIONS of all descriptions by his Improved Method of HEATING with HOT WATER; also his ECONOMICAL RADIATING STOVE GRATES, which are elegant and effective, enable him to recommend this PYRO-PNEUMATIC GRATE with the utmost confidence.—The Air breathed from which has all the FRESHNESS and PURITY of the EXTERNAL ATMOSPHERE, and consequently its action meets the want, which has so long been felt, of some method whereby the houses of all, both rich and poor, might be alike rendered healthful.

PIERCE'S MANUFACTORY AND SHOW-ROOMS, 5, JERMYN-STREET.

Where innumerable Testimonials and References can be given.

N.B. THE TRADE SUPPLIED, AND A LIBERAL DISCOUNT ALLOWED.



FOR CHURCHES, CHAPELS, SCHOOLS, WAREHOUSES, PRIVATE DWELLINGS, &c. &c.

HOTT'S PATENT STOVES,

After Twenty Years' Trial, still maintain their decided superiority. They give twice as much heat as any other stove, with a smaller consumption of fuel; they burn for eight or ten hours without replenishing; they do not generate offensive and dangerous gases: and they have, when lighted, a very

BRILLIANT AND CHEERFUL APPEARANCE FROM THEIR TRANSPARENT FRONTS.

By the addition of a Boiler and Hot-Water Pipes, they may be made to heat, at the same time, distant Apartments, Conservatories, &c. They are made in various sizes and patterns, and the PRICES have recently been GREATLY REDUCED.

A STOVE AT TWELVE GUINEAS, AS SHOWN AT SIDE, WILL WARM A SMALL CHURCH.

Two or three hundred references can be furnished on application; only a few can be mentioned here, viz.:—

St. Saviour's Church, Southwark.
Christ Church, Westminster.
Trinity Church, Brompton.
Old St. Pancras Church.
Christ Church, Horton.
St. Vedast's, Foster-lane.
Portman Chapel, Baker-street.
The Pantheon, Oxford-street.
National Debt Office, Old Jewry.
Picture Gallery, Knightsbridge (late Colonial Exhibition).
Religious Tract Society, St. Paul's Churchyard.
Mr. Parker, West Strand.
Mr. Gilbertson, Ludgate-hill.
Messrs. Perkins and Bacon, Fleet-street.
Messrs. Ridgway and Co., King William-street.
St. Pancras National Schools.
Finsbury Charity Schools.
Stepney Grammar School, &c. &c.

J. L. BENHAM AND SONS, 19, WIGMORE-STREET, CAVENDISH-SQUARE, PATENTEES.

N.B. THE USUAL ALLOWANCE TO THE TRADE.

THE MODERATOR STOVE GRATE is confidently recommended for the purity of its heated air, as the most delicate lamps will not be affected by it; great economy of fuel, burning only 28 lbs. weight of coal in twelve hours, and perfect ventilation, with most observful appearance. May be seen in daily use at the inventors and sole manufacturers', HETHLEY'S, 54, Fetter-street, Holborn. Prize £5, for third size.

TO ARCHITECTS, BUILDERS, &c.

HAYWARD, BROTHERS, late R. HENLY and Co., WHOLESALE IRONMONGERS, and Manufacturers of KITCHEN RANGES, STOVES, &c., 188, Blackfriars-road, and 117, Union-street, Borough.

Strong Self-acting Kitchen Ranges, with Best Boiler and Oven and Wrought Bars:—

2 ft.	2 ft. 6 in.	3 ft. 6 in.	4 ft.
£2	£2 10s.	£3 15s.	£4 10s.

Henly's Patent Improved, with best Boiler and Wrought Iron Oven:—

2 ft.	2 ft. 6 in.	3 ft. 6 in.	4 ft.
£3	£4 12s.	£5 5s.	£7.

Best Register Stoves, as 7d., 9d., and 9d. per inch.
Do. Elliptic do., 8d., 9d., and 1s. 6d.

Manufacturer of WOLFASTON'S PATENT REGISTER STOVES, a certain cure for SMOKY CHIMNEYS, and effecting a great saving in fuel. To be seen in use daily.

Orders from the Country, accompanied with a remittance or reference, will meet with prompt attention.

TO BUILDERS and CARPENTERS.—Elliptic Stoves, double backs, 9½ per inch. Registers, 4d., 6½d., 7½d. per inch.

Cottage Ranges, with Ovens and Boilers, 2 ft. 6 in. 40s.; 3 ft. 4 in. 4os., 2 ft. 6 in., 45s., 3 feet Cottage Ranges, 35s.

Self-acting Ranges, with Circular Oven and Back Boiler, best Wrought Bars and Bright Fittings.

2 ft., £3 12s.	2 ft. 6, £4 7s.	3 ft., £5 13s.

Best Patent Cut Clasp.

4×1	5×1	7×1	10d.	1s. 2×1	1s. 8×1 per 1,000
3d.	4d.	6d.	8d.	10d.	12d.

Best Sheet Floor Brads, 12s. 6d. per cwt.
Best Town Glue 20s. Do. Scotch, 32s. per cwt.

Best Patent Nosh Pipes.

4s. 9d.	6s.	6s. 6d.	7s. 6d.	12s.	18s. per gross.
1	2	3	4	5	6

At F. B. WILLIAMSON'S IRONMONGERY and STOVE WAREHOUSE, 33, Chiswell-street, Finsbury-square.

Lists of Prices had on application at the Warehouse, or by letter pre-paid, inclosing postage stamp.—Warehouse closes at 7 o'clock.

FULKES' IRONMONGERY and STOVE WAREHOUSE, 91 and 93, Park-street, Camden Town.

Elliptic Stoves, with double backs ..... 9½d. per inch.
Register ditto, ditto ..... 5d. per inch.
Nosh Weights ..... 8s. 9d. per cwt.
Iron Nosh-water pipe ..... 9d. inch, 10d.; 3 inch, 1s. 1d. per yard.
4½ inch O.G. Guttering ..... 1s. per yard.
6 inch Rim Locks, with patent spindles ..... 14s. per dozen.
Mortice Locks, with patent spindles ..... 22s. per dozen.
Delivered carriage free, within 3 miles.

OLD-ESTABLISHED WHOLESALE IRONMONGERY WAREHOUSE, Kitchen-range, and Stove-grate Manufactory, 13, Cross-street, Walworth.

JOHN GRICE most respectfully solicits the attention of Architects, Builders, and Carpenters, to his Stock of Black and Bright Stoves, Kitchen Ranges, &c., &c.

Black Registers, from 6d. per in. and upwards.
Bright ditto with Black and Bright Bars, 8d. per in. and upwards.
Self-acting Kitchen Ranges, with Oven and Nosh Boiler:—

2 ft., £2 5s.	2 ft. 6 in., £2 15s.

Elliptic Stoves, with double backs, 9d. per in.

All articles made on the premises and warranted, and delivered free of expense within five miles of London. Bed-hanging in superior style, hung in secret, as per pull.

TO BUILDERS, CARPENTERS, &c.—The Undermentioned are the PRESENT PRICES of IRONMONGERY, at YOUNGS', 194, Oxford-street. Every other article equally low. Orders executed upon receipt of remittance or a respectable London reference.

	1	2½	3 Inches.
Cast Butts	3s. 6d.	7s. 6d.	11s. per 6 dozens.
Cut Clasp	3d.	7d.	1s 2d. 1s. 8d. per 1,000.
	4d.	6d.	10d. 12d.
Nos.	2	5	6
Patent Line	6s. 6d.	7s. 9d.	9s. 10d. 12s. per gross
	8	9½	3 Inches.
Rain Pipe	11d.	1s. 1d.	1s. 3d. per yard.

IRON FOUNDRY, 80, Goswell-street (late of Brick-lane, St. Luke's).—J. JONES having made great additions to his STOCK of PATTERNS, begs to inform the Trade, that he can now supply them with Plain and Ornamental Iron Columns (Lighters, Railings, Gates, Iron Copings, Balconies, Window Guards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Tomb Enclosures, Trellis Panellings, Lamp and other Brackets, Cast-Levers, Newel Bars, Water Closet Work, Area Gratings, Fly and other Wheels, Wheel Plates, &c.

BAKERS' OVEN WORK, Forge Backs and Troughs, Rain Water Pipes and Gutters, Nosh Weights, Furnace Bars, Stoves, Ranges, &c., always in stock.

PROTECTION from FIRE, and GREAT ECONOMY in BUILDING.—A pamphlet, descriptive of the method by which both these important objects are secured, may be obtained on application to Messrs. FOX and BARRETT, 26, Leicester-square.

HOT-WATER APPARATUS.—The attention of architects, builders, and others is respectfully requested to BENJAMIN FOWLER'S superior method of heating churches and chapels, halls, staircases, conservatories, forcing and greenhouses, manufactories and warehouses, kilns, rooms for drying timber, &c., and every variety of purpose for which artificial heat is required. Within the last twenty years some hundreds of buildings have been heated upon this plan, and in the particulars for which he was constantly engaged, giving satisfaction, also their willingness to vouch for their efficiency.

BENJAMIN FOWLER, late of 68, Dorset-street, removed to the new factory, Whitefriars-street, Fleet-street.

CAST-IRON PIPES, IRON WORK FOR OVENS, &c.

RAIN PIPES, &c.—F. A. TIDDEMAN, St. Ann's Wharf, Earl-street, City, near Blackfriars-bridge, keeps a large stock of Rain Pipes, Heads, Shoes, Elbows, &c., half round and O. G. Gutters, Socket Pipes for Water or Gas, Flanch Pipes, Nosh Weights, and other Castings; Iron Work for Bakers' Ovens of every description, fitted complete, to be had in sets or in parts.—Prices equal to all competition. Contracts taken to any extent. Goods landed. A powerful crane.

TO GAS AND WATER COMPANIES, ENGINEERS, AND CONTRACTORS.

ANDREW M'LAREN & Co., Ironfounders, STEEL YARD WHARF, UPPER THAMES-STREET, have always on hand a large STOCK of SOCKET PIPES of all sizes, with the usual connections. Retorts, columns, girders, and all description of castings contracted for.

Their stock of goods for GENERAL IRONMONGERS is unequalled for variety and lowness of price: comprising, ranges, registers, and elliptic metal and stoves, rain-water pipes, O. G., and half-round gutterings, sash-weights, railing bars, panels, bakers' oven work, sink traps, air bricks, water closet metal, &c. &c.

Printed list of prices, and books of drawings for the use of ironmongers, forwarded on application.

CALIFORNIA.—The undersigned, having been informed that shipments of GALVANIZED METAL, both in sheets and furnished for houses, are still going forward to California, again GIVE NOTICE that they ALONE have the right of importing, selling, or using galvanized metal of any description, in the United States, including California, and that any parties infringing their rights, by importing or selling galvanized metal in California, will subject themselves to the stoppage of their goods, and to heavy penalties, which have been already enforced in several instances.—Any parties wishing to ship either galvanized metal or houses to California, will get every information on application to the undersigned.

MOREWOOD and ROGERS, Steel yard Wharf, Upper Thames-street, London.

THE GALVANIZED IRON COMPANY, No 2, Mansion-house-place,

Call the particular attention of Architects, Builders, and others, to their patent process of galvanizing, or coating iron with PURE ZINC, which, from its action being chemically true, effectually and PERMANENTLY prevents RUST. The process is applicable to all sorts of iron work (whether cast or wrought) in use for building purposes—such as ROOFS, gutters, girders, floors, WATER or GAS PIPES, railings, window sashes and guards, blinds, skylight frames, chimney cowls, cisterns, screws, nails, locks, keys, chains, tiles (corrugated), &c., &c. The Company undertake to supply GALVANIZED IRON, or to GALVANIZE every description of iron work, in any quantity required.—Particulars and prices at the Offices of the Company, 2, Mansion-house-place, London Galvanizing Works, Millwall, Poplar. G. VINCENT, Secretary.

N.B. This Company's patent process is applied to the roofs of the New Houses of Parliament, the sheds in the dockyards at Woolwich, Portsmouth, and Devonport, the Waterloo Station belonging to the London and North-Western Railway Company at Liverpool, and numerous other railway stations, &c., &c., with the most perfect success.

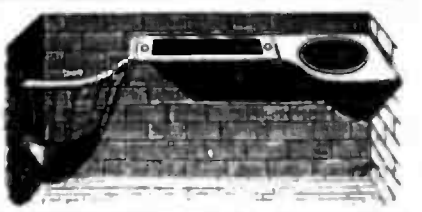
IRON ROOFING WORKS, SOUTHWARK.

Offices,—2A, MANSION-HOUSE-PLACE, LONDON.

JOHN H. PORTER, PATENTEE

Of the Corrugated Iron Beams, Girders, and Fire-proof Floors; MANUFACTURER OF IRON ROOFS AND BUILDINGS, Chiefly of THE PATENT GALVANIZED IRON.

This material has been employed by J. H. PORTER for several years past in the construction of Iron Roofing for RAILWAY STATIONS and DOCKYARDS, at home and abroad; FARM BUILDINGS, FACTORIES, GALLOWS, WAREHOUSES, &c.; SHOOT-HOUSES, MOORS and COVERT-SEATS, HOUSES, DWELLINGS, and MANSION-HOUSES, in the East and West Indies, China, at the Cape of Good Hope, and in other parts of the world; Iron-bar and Hurdle-wire Fences, Sheep and Cattle Hurdles.



SAMUEL HOOD and Co., Castings Warehouse, 63, Upper Thames-street. REGISTERED STABLE FITTINGS. Enamelled Mangers, with double hay-racks, or with enamelled water-cisterns on one side.—Also, girders, columns, hot water pipes, rain water pipes, eaves, gutters, nosh weights, &c., at the lowest prices.

TO ARCHITECTS AND BUILDERS.

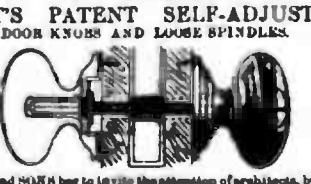
CHUBB'S WROUGHT-IRON and FIRE-PROOF DOORS and FRAMES, for strong Rooms. A large stock of the above, of all sizes, made in the best manner, and of different strengths, fitted with CHUBB'S PATENT DETECTOR LOCKS, throwing from two to twenty bolts, constantly on sale, and very moderate prices. FIRE-PROOF SAFES of every size, and Patent Detector Locks and Latches for all purposes.—C. CHUBB and SON, sole Manufacturers, 57, St. Paul's Churchyard, London.

LEADBEATER, FIRE-PROOF SAFE AND DETECTOR LOCK MANUFACTURER TO HER MAJESTY'S BOARD OF ORDNANCE.

CAUTION to Purchasers of FIRE-PROOF DOORS for Strong Rooms, Safes, Chests, and Detector Locks, &c. &c. LEADBEATER begs most respectfully to inform Architects, Surveyors, Builders, &c., that he can supply them with IMPROVED DETECTOR LOCKS for universal purposes, STRONG WROUGHT IRON FIRE-PROOF DOORS, SAFES, and CHESTS, &c., on the most improved principles of security against FIRE and THIEVES, without the aid of "expensive machinery," which is employed by some inexperienced makers, but cannot be paid for; at prices 25 per cent. under any house in London. A large assortment of all sizes on sale and made to order. A pair of extra strong wrought-iron fire-proof folding-doors with ventilating gates, made expressly for a banker's strong room, may be viewed at his manufactory. Strong wrought-iron doors for party walls, with wrought-iron rabbited frames, and secured by the BEST DETECTOR LOCKS in ENGLAND, 6 feet high by 2 feet 3 inches wide and upwards, price 10l. each, shewn on hand at LEADBEATER'S MANUFACTORY, 128, ALDERSGATE-STREET, LONDON.

By Her Majesty's / Royal Letters Patent.

PITT'S PATENT SELF-ADJUSTING DOOR KNOBS AND LOOSE SPINDLES.



HART and SONS beg to call the attention of architects, builders, and others, to their Door Furniture, invented for PITT'S PATENTED SPINDLES. The knobs are stronger, more durable, and more elegant in form, than those in ordinary use, as the spindles, being loose, do not require the objectionable side screw. They are more readily fixed, are suitable for every description of lock now in use, and, as they adjust themselves to doors of different thicknesses, without alteration, are particularly adapted for the country or for exportation.

In addition to an extensive stock of door furniture in china, crystal, amber, and opal glass, buffalo horn, ivory, ebony, brass, &c., on suite, with finger-plates, bell-pulls, and levers, new patterns of original design are constantly being added, and an order either to sketch or pattern supplied very promptly. A simple one, for example, in three days, and a more elaborate one in less than a week.—May be obtained through any ironmonger, or direct from the proprietors and sole manufacturers, HART and SONS Wholesale Ironmongers, 83, 84, 85, Wych-street, Strand, London.

A list of prices sent on application.

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